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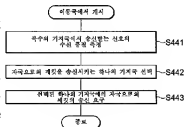
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(54) DATA LINK TRANSMISSION CONTROL METHODS, MOBILE COMMUNICATION SYSTEMS, DATA LINK TRANSMISSION CONTROL APPARATUS, BASE STATIONS, MOBILE STATIONS, MOBILE STATION CONTROL PROGRAMS AND COMPUTER-READABLE RECORDING MEDIA

(57) Abstract:

PURPOSE: A data link transmission control methods, mobile communication systems, data link transmission control apparatus, base stations, mobile stations, mobile station control programs, and computer-readable recording media are provided to be capable of decreasing the transmission delay time of a packet to increase the throughput and enhance the performance of the entire system while adapting to movement of the mobile station. CONSTITUTION: A measuring step (S441) is carried out by measuring receiving qualities of signals transmitted from a plurality of base stations. A selecting step(S442) is carried out by selecting a first base station desired to transmit a packet addressed to the mobile station of its own, based on the receiving qualities for the respective base stations. A transmission request step (S443) is carried out by sending a request for transmission of the packet addressed to the mobile station of its own to the first base station selected. A mobile station control program is executed by a computer mounted on a mobile station, together with a plurality of base stations, making up a mobile communication system.



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